FPL Energy®
Point Beach Nuclear Plant

Point Beach Nuclear Plant
Fact Sheet

Description

LOCATION: Two Creeks, Wisconsin about 10 miles north of Two Rivers and 100 miles north of Milwaukee

CAPACITY: Two units with a 1,023 megawatt output

ARCHITECT-ENGINEER/ CONSTRUCTOR: Bechtel Corporation

Primary Systems

Reactor Type: Westinghouse Pressurized Water Reactor

Reactor Core: 121 fuel assemblies

Reactor Vessel: 38' high 12' wide

Reactor Containment Building: 145' high structure with 3.5 ' thick walls of steel reinforced concrete, a 3' thick concrete dome, and a 9' deep concrete base

Secondary System

Turbine / Generator: Westinghouse Electric Corporation

Milestones

Ground breaking:	November 1966
Operating license issued:	
Unit 1	October 1970
Unit 2	May 1972
Commercial operation:	
Unit 1	December 1970
Unit 2	March 1973
Steam generators replaced:	
Unit 1	1983
Unit 2	1996
Received renewed operating licenses:	December 2005
expiration Unit 1	October 2030
expiration Unit 2	March 2033

General Information

The Point Beach Nuclear Plant is bordered by land of neighboring farms and Lake Michigan on approximately 1,200 acres near the city of Two Rivers, Wisconsin. The plant is owned by FPL Energy, Juno Beach, Florida.

Electrical capacity is 1,023 megawatt (net), enough to produce about one-sixth of all electric power in the state of Wisconsin.

The Point Beach Energy Center, located on the plant property, is designed to educate visitors on the process of generating electricity using nuclear power. The center also offers educational programs for school groups throughout the school year. Programs are geared for specific grade levels and supplement Wisconsin mandated curriculum. Special events throughout the year, are an integral part of the Energy Center's interaction with the public.

Point Beach Nuclear Plant remains committed to being a safe and reliable source of energy.

For more information about the Point Beach Nuclear Plant please call 1-800-880-8463.

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